

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--|------------------------------|------------------|---------|------------------|
| L7 | 2 | ("3370496").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/12 13:51 |
| L8 | 240 | (83/324).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/12 15:45 |
| L9 | 25 | L8 and (pattern or sequence) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 13:51 |
| L10 | 976196 | (different or varying or variety) with (length or width or height or size) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 13:51 |
| L11 | 952329 | (change or changing or adjust\$4) with (length or width or height or size) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 13:51 |
| L12 | 110 | L8 and (L10 or L11) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 13:51 |
| L13 | 21 | L9 and L12 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 13:51 |
| L14 | 1 | L7 and L13 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 13:52 |
| L15 | 1743661 | memory or program or computer or computing | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 13:58 |
| L17 | 8 | BIRKENFELD-ANDREAS.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 14:04 |
| L18 | 34 | DILLING-PEER.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 14:04 |
| L19 | 15 | KERSCH-ROBERT.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 14:04 |
| L20 | 10 | ZELLER-WOLFGANG.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 14:04 |
| L21 | 56 | L17 or L18 or L19 or L20 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 14:08 |

EAST Search History

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|-----|--------|---|---|----|-----|------------------|
| L22 | 16 | ("2788743" "3696745" "3897191" "4538516" "4549917" "4833486" "4858123" "4870434" "5205039" "5327829" "5894319" "5967032" "6145435" "6408747" "6510791").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 14:58 |
| L23 | 1 | ("5720223").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/12 14:58 |
| L24 | 16 | ("4366753" "4538515" "4590859" "4603630" "4706566" "5000812" "5119725").PN. OR ("5720223").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 15:37 |
| L25 | 0 | L24 and L7 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 15:37 |
| L26 | 2 | (83/324).CCLS. | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 16:18 |
| L27 | 3 | ("3889939").PN. | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 16:18 |
| L28 | 0 | L27 and motor | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 16:18 |
| S4 | 2 | ((("6,364,240") or ("6,508,429")).PN. or ("2002/0118990").CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/04/30 10:26 |
| S5 | 4 | "795259".apn. "6,364,240".pn. "6,508,429".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/13 15:02 |
| S6 | 2 | ((("6427938") or ("6360640")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/07 10:25 |
| S7 | 96 | (83/287).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/08 09:31 |
| S8 | 1 | ("3709624").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/07 16:37 |
| S9 | 1 | ("3889939").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/07 16:37 |
| S10 | 5 | ("3889939").URPN. | USPAT | OR | ON | 2005/04/07 16:37 |
| S11 | 428442 | web | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/08 08:27 |

EAST Search History

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|-----|---------|--|------------------------------|----|-----|------------------|
| S12 | 1887393 | cut\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/08 08:27 |
| S13 | 478246 | (different or varying or variety) with (length or width or height) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 10:50 |
| S14 | 4198 | S11 same S12 same S13 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/08 08:28 |
| S15 | 2225658 | (web or sheet) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/08 08:30 |
| S16 | 1261804 | motor | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/08 08:29 |
| S17 | 972062 | (memory or program) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 13:58 |
| S19 | 11321 | S15 same S12 same S13 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/08 08:30 |
| S20 | 376 | S19 and (S16 and S17) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/08 08:31 |
| S21 | 90 | S20 and "83"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/08 08:32 |
| S22 | 71 | (83/288).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/08 10:10 |
| S23 | 1 | ("6360640").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/08 10:10 |
| S24 | 23 | ("2947184" "3614572" "3832926" "4103575" "4165665" "4255998" "4283975" "4399727" "4512225" "4543863" "4667551" "4724732" "4809573" "5103703" "5184533" "5611246" "5669277" "5713256" "5879278" "5899128" "5974923").PN. OR ("6360640"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/08 10:10 |
| S25 | 1 | ("6360640").URPN. | USPAT | OR | ON | 2005/04/08 10:10 |

EAST Search History

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|-----|--------|---|------------------------------|----|-----|------------------|
| S26 | 22 | ("2947184" "3614572" "3832926" "4103575" "4165665" "4255998" "4283975" "4399727" "4512225" "4543863" "4667551" "4724732" "4809573" "5103703" "5184533" "5611246" "5669277" "5713256" "5879278" "5899128" "5974923").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/08 10:11 |
| S27 | 9 | ("4283975").URPN. | USPAT | OR | ON | 2005/04/08 10:14 |
| S28 | 215 | (83/76).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/08 13:15 |
| S29 | 371 | (403/385).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/08 13:15 |
| S30 | 1 | ("4721058").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/12 08:51 |
| S31 | 96258 | "83"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/12 08:51 |
| S32 | 6 | S31 and (unwind adj device) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/12 08:53 |
| S33 | 27 | S31 and (unwind\$4 adj device) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/12 10:00 |
| S34 | 3 | ((("5265510") or ("2708952"))).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/12 10:10 |
| S35 | 56853 | cut\$4 with channel | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/12 10:10 |
| S36 | 221746 | cut\$4 with (channel or slot or passage\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/12 10:11 |
| S37 | 89364 | (ushape\$1 or u-shape\$1 or (u adj shape\$1)) with (channel or slot or passage\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/12 10:12 |
| S38 | 11672 | S31 and S36 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/12 10:12 |
| S39 | 1094 | S31 and S37 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/12 10:30 |

EAST Search History

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|-----|-------|--|------------------------------|----|-----|------------------|
| S40 | 4379 | cut\$4 with (channel or slot or passage\$4) with (ushape\$1 or u-shape\$1 or (u adj shape\$1)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/12 10:31 |
| S41 | 276 | S31 and S40 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/12 10:51 |
| S42 | 35564 | turntable | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/12 10:51 |
| S43 | 482 | S31 and S42 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/12 10:51 |
| S44 | 2650 | 83/471.3.ccls. or 83/483.ccls. or 83/485.ccls. or 83/486.ccls. or 83/486.1.ccls. or 83/490.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/12 10:52 |
| S45 | 129 | S42 and S44 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/12 10:52 |
| S46 | 41125 | print\$4 with cut\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/13 15:01 |
| S47 | 21 | "4721058" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/13 15:02 |
| S48 | 1 | ("4721058").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/13 15:02 |
| S49 | 20 | ("4721058").URPN. | USPAT | OR | ON | 2005/04/13 15:02 |
| S50 | 4 | ("2792889" "3583269" "4506824").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/13 15:02 |
| S51 | 1 | ("4283975").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/13 15:09 |
| S52 | 18 | ("3267781" "3543620" "3668957" "3742798" "3797368" "3962942" "4020406").PN. OR ("4283975").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/13 15:23 |
| S53 | 2932 | rotary adj print\$4 adj press | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/13 15:35 |
| S54 | 103 | S53 and "83"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/13 15:24 |
| S55 | 5 | S53 and plotter | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/13 15:26 |

EAST Search History

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|-----|---------|---|------------------------------|----|-----|------------------|
| S56 | 1037 | S53 and plate adj cylinder | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/13 15:35 |
| S57 | 359 | S56 and motor | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/13 15:35 |
| S58 | 4 | S57 and drive adj controller | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/13 15:36 |
| S59 | 1 | ("3709624").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/13 16:31 |
| S60 | 766539 | print or printing or printed | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/11 16:00 |
| S61 | 2345133 | web or sheet | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/11 16:00 |
| S62 | 1779762 | sequence or pattern | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/11 16:00 |
| S63 | 4562932 | different or difference or differing or variable or varying | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/11 16:00 |
| S64 | 3890497 | height or width or size | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/11 16:01 |
| S65 | 136 | S60 with S61 with S62 with S63 with S64 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/11 16:22 |
| S66 | 0 | ("2004/0060464").URPN. | USPAT | OR | ON | 2006/05/11 16:04 |
| S67 | 1 | ("4721058").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/11 16:22 |
| S68 | 28 | ("2792889" "3583269" "4506824").PN. OR ("4721058"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/11 16:37 |
| S69 | 17 | S68 and (pattern or sequence) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 10:47 |
| S70 | 0 | S68 and S65 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/11 16:38 |
| S71 | 1 | ("3,945,279").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/11 16:44 |

EAST Search History

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|-----|---------|--|------------------------------|----|-----|------------------|
| S72 | 1833146 | cut or cutting | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/11 16:44 |
| S73 | 14727 | (S63 near3 S64) same (S60 or S72) same S61 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/11 16:47 |
| S74 | 2218 | S73 and ("83"/\$.ccls. or "101"/\$.ccls.) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/11 16:47 |
| S75 | 446 | ((S63 near3 S64) with S62) same (S60 or S72) same S61 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/11 17:12 |
| S76 | 83 | S75 and ("83"/\$.ccls. or "101"/\$.ccls.) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/11 16:49 |
| S77 | 10 | ("3242573").URPN. | USPAT | OR | ON | 2006/05/11 16:57 |
| S78 | 385 | ((S63 near3 S64) with pattern) same (S60 or S72) same S61 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/11 17:13 |
| S79 | 181 | ((S63 near3 S64) with pattern) same (S60 or S72) same S61 | US-PGPUB; USPAT | OR | ON | 2006/05/11 17:45 |
| S87 | 98 | (83/287).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/11 17:38 |
| S88 | 4 | S87 and pattern | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/11 17:37 |
| S89 | 71 | (83/288).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/11 17:38 |
| S90 | 216 | (83/76).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/11 17:45 |
| S91 | 24 | S90 and pattern | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/11 17:46 |
| S92 | 24 | ("3055246" "3276647" "3468201" "3620111" "3688620" "4020406").PN. OR ("4287797").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/11 18:06 |
| S93 | 10286 | (83/109-166).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/11 18:06 |
| S94 | 432 | S93 and pattern | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/11 18:07 |

EAST Search History

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|----------|-----|---|------------------------------|----|-----|------------------|
| S95 | 214 | S93 and (pattern same (web or sheet)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/11 18:12 |
| S96 | 11 | S93 and asymmetrical | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/11 18:12 |
| S97 | 21 | S93 and asymmetr\$6 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/11 18:16 |
| S98 | 461 | S93 and sequence and (sheet or web) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/11 18:22 |
| S99 | 175 | S93 and (sequence same (sheet or web)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/12 08:07 |
| S10 0 | 298 | long\$3 with short\$3 with (sheet or web or page or paper) with (sequence or pattern) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/12 08:20 |
| S10 1 | 18 | S100 and ("83"/\$.ccls. or "101"/\$.ccls.) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/12 08:09 |
| S10 2 | 391 | (198/589).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/12 08:26 |
| S10 3 | 174 | (198/861.3).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/12 08:20 |
| S10 4 | 236 | (198/861.5).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/12 08:21 |
| S10 5 | 1 | (S102 or S103 or S104) and (access\$4 with (tool or blade or cutter) with (maintain\$4 or chang\$4 or replac\$4)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/12 08:29 |
| S10 6 | 751 | (gripper with (second or two)) and controller and (signal with position) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/12 08:29 |

EAST Search History

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|----------|----|--|------------------------------|----|-----|------------------|
| S10 7 | 96 | ("5860781" "6220327" "6220327" "6092802" "6010122" "6053855" "5887864" "5991514" "6010123" "6109603" "6363337" "6592114" "6940491" "6978991" "7036812" "5647949" "5778367" "5707330" "4421587" "4795193" "4026537" "4073485" "4273319" "4279409" "4308798" "4445881" "5020434" "5320334" "5348277" "5401058" "5458062" "5516221" "5535996" "5547225" "5570172" "5749567" "6139003" "6257141" "6257623" "6349970" "6454692" "6217167" "6217167" "5951182" "6157924" "5904030" "5713605" "6126201" "5857395" "6012102").pn. ("6129346" "6178430" "6769018" "6148724" "4900001" "6070391" "6185588" "4427290" "4586431" "4758021" "5498087" "6205452" "6230168" "6247032" "6332149" "6408747" "6665090" "6971309" "4911777" "5947461" "6161828" "6244584" "6305680" "6364305" "4344610" "5653429" "5377964" "5386979" "6205432" "6055525" "6212535" "6212535" "5522586" "5884262" "5953392" "6192415" "6886132" "5572643" "5737619" "5907705" "5974416" "6185586" "6191786" "6195693" "6226286" "6226286" "6314456" "6353448" "6389541" "6421726").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/05/12 14:41 |
| S10 8 | 14 | ((("4283975") or ("3889939") or ("7287797") or ("6126201") or ("6332388") or ("3242573") or ("6624903") or ("4506824") or ("5229827") or ("5765460") or ("6210052") or ("6644764") or ("6731393") or ("6772661"))).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/10/19 12:40 |
| S10 9 | 9 | S108 and (memory or computer) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/19 13:44 |
| S11 0 | 1 | "668773".apn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/19 13:44 |
| S11 1 | 1 | S110 and (constant with web with speed) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/19 15:21 |

EAST Search History

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|----------|---------|---|------------------------------|----|-----|------------------|
| S11 2 | 1 | ("6360640").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/10/19 15:33 |
| S11 3 | 1 | ("4283975").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/10/19 15:33 |
| S11 4 | 20 | ("3267781" "3543620" "3668957" "3742798" "3797368" "3962942" "4020406").PN. OR ("4283975").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/19 15:33 |
| S11 5 | 1 | "668773".apn. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/30 10:27 |
| S11 6 | 0 | S115 and (plate with cylinder with rotation) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/30 10:27 |
| S11 7 | 0 | S115 and (plate with cylinder with rotat\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/30 11:10 |
| S11 8 | 1976638 | pattern or sequence | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/30 14:39 |
| S11 9 | 8588 | "83"/\$.ccls. and S118 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/30 11:10 |
| S12 0 | 527545 | web | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/30 11:11 |
| S12 1 | 1869 | S118 and S120 and "83"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/30 11:13 |
| S12 2 | 1067 | S118 and S120 and "83"/\$.ccls. | USPAT | OR | ON | 2007/04/30 11:13 |
| S12 3 | 152 | S118 and S120 and "83"/\$.ccls. | US-PGPUB | OR | ON | 2007/04/30 11:13 |
| S12 4 | 1976638 | pattern or sequence | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/30 14:39 |
| S12 5 | 2970458 | sheet or web or page | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/30 14:40 |
| S12 6 | 1531791 | computer or memory | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/30 14:40 |
| S12 7 | 125414 | S124 with S125 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/30 14:40 |

EAST Search History

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|----------|---------|--|------------------------------|----|-----|------------------|
| S12 8 | 11423 | S126 same S127 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/30 14:45 |
| S12 9 | 52463 | S126 and S127 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/30 14:45 |
| S13 0 | 98386 | "83"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/30 14:47 |
| S13 1 | 19882 | "101"/\$.ccls. and (knife or blade or cut\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/30 14:53 |
| S13 2 | 130 | S128 and S130 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/30 14:54 |
| S13 3 | 128 | S128 and S131 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/30 14:54 |
| S13 4 | 362 | S129 and S130 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/30 14:54 |
| S13 5 | 553 | S129 and S131 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/30 15:00 |
| S13 6 | 1 | ("3889939").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 11:58 |
| S13 7 | 15 | ("2048765" "3204502" "3424041" "3482477" "3521512").PN. OR ("3889939").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/10 12:19 |
| S13 8 | 39398 | print\$4 with (rotary or cylinder) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/10 12:20 |
| S13 9 | 3008026 | circumference or rotat\$4 or rotating or rotary or revolution or revol\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/10 12:33 |
| S14 0 | 175 | (270/21.1).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 12:37 |
| S14 1 | 679333 | (chang\$4 or adjust\$4) with (length or width or height) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/10 12:38 |
| S14 2 | 36 | S140 and S141 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/10 14:30 |

EAST Search History

| | | | | | | |
|----------|--------|--|------------------------------|----|-----|------------------|
| S14 3 | 1 | "565266".apn. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/10 14:31 |
| S14 4 | 984 | ladle.ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/10 14:34 |
| S14 5 | 1 | ("4825551").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/05/10 14:34 |
| S14 6 | 240 | (83/324).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/12 10:47 |
| S14 8 | 25 | S146 and (pattern or sequence) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 10:47 |
| S14 9 | 576507 | (different or varying or variety) with (length or width or height) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 10:52 |
| S15 0 | 654844 | (change or changing or adjust\$4) with (length or width or height) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 10:52 |
| S15 1 | 108 | S146 and (S149 or S150) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 10:52 |
| S15 2 | 976196 | (different or varying or variety) with (length or width or height or size) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 10:52 |
| S15 3 | 952329 | (change or changing or adjust\$4) with (length or width or height or size) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 10:52 |
| S15 4 | 110 | S146 and (S152 or S153) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 10:53 |
| S15 5 | 21 | S148 and S154 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/12 10:59 |
| S15 6 | 1 | ("3,742,798").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/12 13:51 |
| S15 7 | 3 | ((("3067643") or ("3952637"))).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/12 12:08 |